

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Keefer et al.

Art Unit: 1745

Application No. 09/808,715

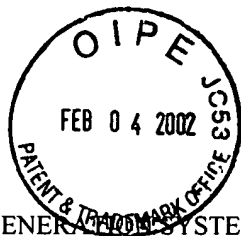
CERTIFICATE OF MAILING

Filed: March 14, 2001

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 28, 2002, as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231.

For: ELECTRICAL CURRENT GENERATION SYSTEM

Date: January 28, 2002



Wayne L. Rupert
Wayne Rupert, Esq.
Attorney for Applicant

TRANSMITTAL LETTER

COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

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Enclosed for filing in the application referenced above are the following:

- ☒ Information Disclosure Statement.
- ☒ Form 1449 and references cited thereon.
- ☒ The Director is hereby authorized to charge any additional fees that may be required, or credit overpayment, to Account No. 02-4550. A copy of this sheet is enclosed.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

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cc: Docketing

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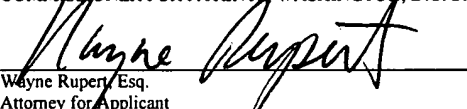
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Wayne Rupert, Esq.
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(4)

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Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

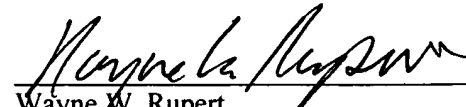
Also listed on the form PTO-1449 are several foreign documents. U.S. Patent No. 5,079,103 corresponds to German reference DE 39 13 581.

The relevance of the remaining cited foreign language documents is as stated in their respective English-language abstracts.


Applicants filed this Information Disclosure Statement ("IDS") before the mailing of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for applicants to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Docket: 6454-58227		App: 09/808,715	
				Applicant: Keefer et al.			
				Filed: March 14, 2001		Art Unit: 1745	
 US PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
		3,847,672	11/1974	Trocciola et al.			
		4,555,453	11/1985	Appleby			
		4,595,642	06/1986	Nakanishi et al.			
		4,759,997	07/1988	Ohyauchi et al.			
		4,781,735	11/1988	Tagawa			
		4,801,308	01/1989	Keefer			
		4,816,121	03/1989	Keefer			
		4,969,935	11/1990	Hay			
		4,988,580	01/1991	Ohsaki et al.			
		5,079,103	01/1992	Schramm			
		5,175,061	12/1992	Hildebrandt et al.			
		5,328,503	07/1994	Kumar			
		5,366,818	11/1994	Wilkinson et al.			
		5,411,578	05/1995	Watson			
		5,434,016	07/1995	Benz et al.			
		5,523,326	06/1996	Dandekar et al.			
		5,543,238	08/1996	Strasser			
		5,604,047	02/1997	Bellows et al.			
		5,645,950	07/1997	Benz et al.			
		5,711,926	01/1998	Knaebel			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Docket: 6454-58227		App: 09/808,715	
				Applicant: Keefer et al.			
				Filed: March 14, 2001		Art Unit: 1745	
		5,714,276		Okamoto			
		5,811,201	09/1998	Skowronski			
		5,900,329	05/1999	Reiter et al.			
		5,917,136	06/1999	Gaffney et al.			
		6,045,933	04/2000	Okamoto			
		6,056,804	05/2000	- Keefer et al.			
		6,051,050	04/2000	Keefer et al.			
		6,176,897	01/2001	Keefer			
		6,190,623	02/2001	Sanger et al.			
		6,190,791	02/2001	Hornburg			
		6,283,723	09/2001	Milburn et al.			
		6,312,843	11/2001	Kimbara et al.			
FOREIGN PATENT DOCUMENTS							
		Number	Date	Country	Class	Sub	
		DE 3913581 A1	11/1990	Germany			
		1,256,038	06/1989	Canada			
		2,016,045	08/1994	Canada			
		2,087,972	01/2000	Canada			
		2,087,973	01/2001	Canada			
		2,109,055	02/1000	Canada			
		0 341 189 A1	08/1989	EP			
		0 143 537	03/1990	EP			

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		0 681 860A2		EP			
		0 691 701 A1	10/1996	EP			
		1 070 531A2	01/2001	EP			
		WO 99/46032	09/1999	PCT			
		8045526A2	02/1996	Japan			
		11214021A2	08/1999	Japan			
		07094200 Patent Abstract	07/1995	Japan			
OTHER DOCUMENTS							
		Vaporciyan and Kadiec, "Periodic Separating Reactors: Experiments and Theory," <i>AIChE Journal</i> 35, pp. 831-844 (1989)					
		Chatsiriwech et al., "Enhancement of Catalytic Reaction by Pressure Swing Adsorption," <i>Catalysis Today</i> 20, Elsevier Science, pp. 351-366 (1994)					
		Hufton et al., "Sorption Enhanced Reaction Process for Hydrogen Production," <i>AIChE Journal</i> , vol. 45 no. 2, 248-256 (February 1999)					
EXAMINER:				DATE			
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.							